

Listing of the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application.

1.-37. (Canceled)

38. (Previously Presented) A hyperimmune serum-reactive antigen comprising an amino acid sequence from any of SEQ ID NOs: 218-434, 449-462, or 475-486 or fragments thereof.

39. (Previously Presented) The hyperimmune serum-reactive antigen or fragment of claim 38, further defined as a peptide comprising an amino acid sequence described in: the “predicted immunogenic aa” and/or “location of identified immunogenic region” column of Table 1A and/or Table 5; the “Identical region” column of Table 1B; the “aa from” to “aa to” columns of any of Tables 2, 4, 6, and 7.

40. (Previously Presented) The hyperimmune serum reactive antigen or fragment of claim 38, further defined as comprising an amino acid sequence of amino acids: 4-20, 35-44, 65-70, 73-87, 92-98, 112-137, 152-161, 177-186, 193-200, 206-213, 229-255, 282-294, 308-313, 320-326, 349-355, 373-384, 388-406, 420-425 and 115-199 of SEQ ID NO:218; 5-24, 35-41, 44-70, 73-89, 103-109, 127-143, 155-161, 185-190, 192-207, 212-219, 246-262, 304-336, 372-382, 384-393, 398-407, 412-418, 438-444, 1-75, 76-161 and 164-239 of SEQ ID NO:219; 4-10, 16-58, 60-71, 77-92, 100-126, 132-146, 149-164, 166-172, 190-209, 214-220, 223-229, 241-256, 297-312, 314-319, 337-343, 351-359, 378-387, 398-418, 421-428, 430-437, 440-448, 462-471, 510-519, 525-536, 552-559, 561-568, 573-582, 596-602, 608-630, 637-649, 651-665, 681-702, 714-732, 739-745, 757-778, 790-805, 807-815, 821-829, 836-842, 846-873, 880-903, 908-914, 916-923, 931-940, 943-948, 956-970, 975-986, 996-1015, 1031-1040, 1051-1069, 1072-1095, 1114-1119, 1130-1148, 1150-1157, 1169-1176, 1229-1238 and 802-812 of SEQ ID NO:220; 5-12, 14-26, 35-47, 52-67, 72-78, 83-98, 121-141, 152-159, 163-183, 186-207, 209-257, 264-277, 282-299, 301-309, 312-318, 324-339, 358-368, 372-378, 387-397, 425-431 and 46-291 of SEQ ID NO:221; 29-38, 44-64, 70-76, 78-87, 94-100, 102-112, 119-134, 140-149, 163-173, 178-186, 188-194, 207-234, 247-262, 269-290 and 73-92 of SEQ ID NO:222; 10-28, 36-63, 77-87, 103-119, 127-136, 141-169, 171-183, 195-200, 207-232, 236-246, 251-265, 268-283, 287-297, 314-322, 335-343, 354-363, 384-390, 405-411, 419-436, 443-455, 467-473, 480-513, 518-529, 550-

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41. (Previously Presented) The hyperimmune serum-reactive antigen or fragment of claim 38, comprising at least 6 contiguous amino acids of any of SEQ ID NOs: 218-434, 449-462, or 475-486.

42. (Previously Presented) The hyperimmune serum-reactive antigen or fragment of claim 38, comprising at least 8 contiguous amino acids of any of SEQ ID NOs: 218-434, 449-462, or 475-486.
43. (Previously Presented) The hyperimmune serum-reactive antigen or fragment of claim 38, comprising at least 10 contiguous amino acids of any of SEQ ID NOs: 218-434, 449-462, or 475-486.
44. (Previously Presented) The hyperimmune serum-reactive antigen or fragment of claim 38, further defined as directed against *S. agalactiae*.
45. (Previously Presented) A pharmaceutical composition comprising a hyperimmune serum-reactive antigen or fragment of claim 38.
46. (Previously Presented) The pharmaceutical composition of claim 45, wherein the hyperimmune serum-reactive antigen or fragment is directed against *S. agalactiae*.
47. (Previously Presented) The pharmaceutical composition of claim 45, further defined as comprising at least two different hyperimmune serum-reactive antigens and/or fragments.
48. (Previously Presented) The pharmaceutical composition of claim 47, wherein the at least two different hyperimmune serum-reactive antigens and/or fragments are both directed against *S. agalactiae*.
49. (Previously Presented) The pharmaceutical composition of claim 45, further comprising an immunostimulatory substance.
50. (Previously Presented) The pharmaceutical composition of claim 49, wherein the immunostimulatory substance is a polycationic polymer, an immunostimulatory deoxynucleotide (ODN), a peptide containing at least two LysLeuLys motifs, a neuroactive compound, alum, or a Freund's complete or incomplete adjuvant.
51. (Previously Presented) The pharmaceutical composition of claim 50, wherein the polycationic polymer is a polycationic peptide.

52. (Previously Presented) The pharmaceutical composition of claim 50, wherein the neuroactive compound is human growth hormone.
53. (Previously Presented) The pharmaceutical composition of claim 45, further defined as a vaccine.
54. (Previously Presented) The pharmaceutical composition of claim 53, further defined as a vaccine for treatment and/or prevention of *S. agalactiae* infection.
55. (Withdrawn) A method of vaccinating a subject comprising:
obtaining a pharmaceutical composition of claim 45; and
administering the pharmaceutical composition to a subject;
wherein the subject is vaccinated.
56. (Withdrawn) The method of claim 55, wherein the subject is a human.
57. (Withdrawn) The method of claim 55, further defined as a method of treating and/or preventing *S. agalactiae* infection in the subject.
58. (Withdrawn) The method of claim 55, wherein the hyperimmune serum-reactive antigen or fragment is directed against *S. agalactiae*.
59. (Withdrawn) The method of claim 55, wherein the pharmaceutical composition comprises at least two different hyperimmune serum-reactive antigens or fragments thereof.
60. (Withdrawn) The method of claim 59, wherein the at least two different hyperimmune serum-reactive antigens or fragments thereof are both directed against *S. agalactiae*.